**WALL CONTROL**

## APPLICATION

SKYTRON's Model EX100C-L PILOT lighting units can be used separately or in multiple configurations depending on the need for total light output. Typical applications include single units for ICU/CCU, Exam and Treatment Rooms; double units for Birthing or Trauma, EP and Cath Labs.

## FEATURES

**Wall Mounted Controls** are provided for main power, intensity and lighthouse positioning. Lateral and longitudinal lighthouse positioning is controlled by a joystick switch located on the controller.

**Super-Halogen Bulbs** will last 2,500 hours at rated voltage.

**Cool, Color-Corrected Light** provides natural tissue rendering.

**Aesthetically Designed** system gives the appearance of standard room lighting. Standard color is white.

## FEATURES

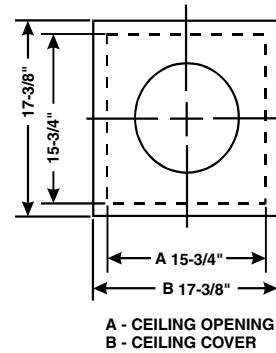
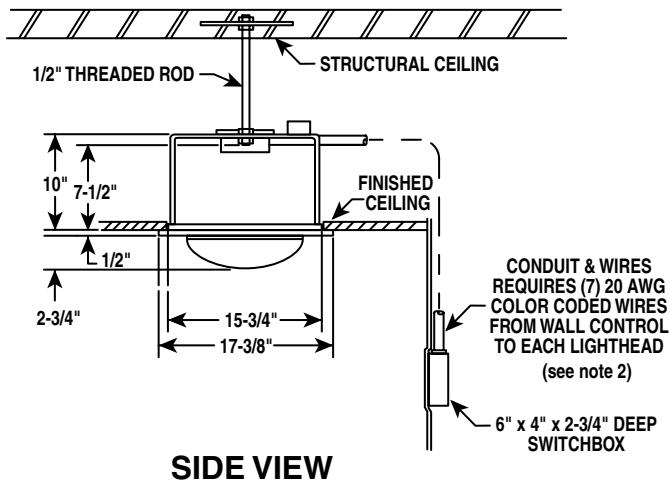
**High Intensity** is provided with 4,000 foot-candles at 1.5 meters.

**Wide Angle Coverage** permits positioning of the light pattern over a large working area.

## ARCHITECTURAL SPECIFICATIONS

Surgical (Exam) lighting system shall consist of (specify number of fixtures) 12" diameter recessed mounted fixture(s). Each system is to be equipped with wall mounted controls to permit user control of positioning and intensity from a single location. Total output is to be 4,000 foot-candles per lighthouse at a color temperature of  $4,250^{\circ} \pm 250^{\circ}\text{K}$ . Bulb is to be a 24v, 100w Super-Halogen type. Each unit is to provide cool, color-corrected light that is diffused evenly over the 7"-8" spot produced. Unit to be SKYTRON Model EX100C-L PILOT.

## MOUNTING GUIDELINE DETAILS

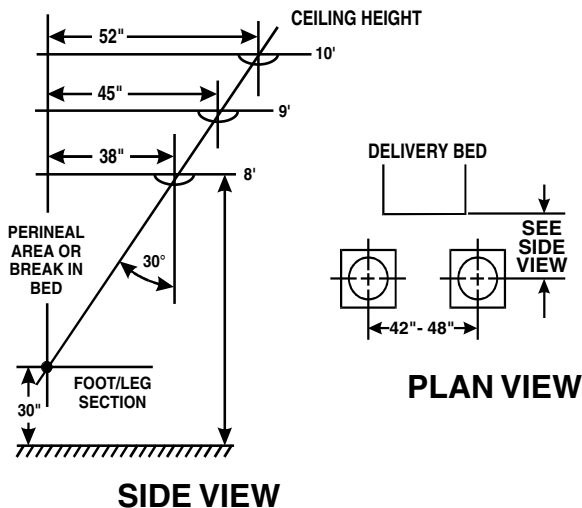


PLAN VIEW

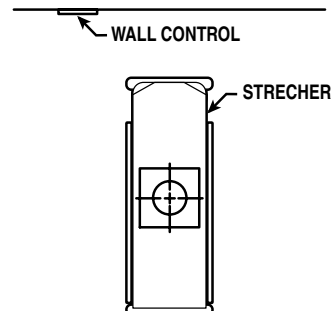
Refer to specific seismic calculations where required.

### NOTES:

1. 1/2" diameter support rod centered in fixture opening for total support of light. All labor and materials for fabrication, 1/2" nuts and washers (two each required) for fixture attachment, contractor supplied.
2. Lighthead mounted junction box for wire connections supplied by SKYTRON. All wiring, conduit, wall control mounting box and other electrical materials as well as installation labor for the SKYTRON light fixture to be provided by electrical contractor. All installations of SKYTRON lighting fixtures should be under the direct supervision of a SKYTRON representative.
3. All wiring to be in accordance with local codes. 120 VAC isolated power supply required for SKYTRON wall control. Wall control requires 2-3/4" deep 4" x 6" triple switch box (Appleton M3-250 or equivalent), conduit as required and seven 20 gauge color coded wires per lighthead. Fixtures used in conjunction with isolated power supplies require the appropriate low leakage conductors provided by others.



BIRTHING ROOM APPLICATION



ICU APPLICATION

## TECHNICAL DATA

**Electrical:** 120 volts, 60 Hz, single phase  
**Power Consumption:** 100 watts (340 BTU/hr.)  
**Amperage:** 1.25 amp, fuse protected  
**Intensity:** 4,000 fc at 1.5 m  
**Color Temperature:** 4,250 ± 250°K  
**Beam Temperature:** Less than 25,000 microwatts per square centimeter as recommended by the I.E.S. handbook.

**Current Leakage:** Less than 100 microamps  
**Bulb Type:** 24v/100w Super-Halogen  
**Weight:** 30 lbs. (13.5 kg)  
**Ceiling Height:** Minimum - 8'-0"; Maximum - 10'-0". (Consult your local SKYTRON Representative for multiple fixture installations.)  
**Mounting Structure:** Provided by others.